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No:	TES/2019/W-13		
Project:	Construction of Bahaahudheen Magu at S.Hulhumeedhoo		
Issued Date	12 <sup>th</sup> March 2019		
No. of Pages: - 04	Boq: - 00	Drawings: - 01	

Please include this amendment when submitting the bid.

**Below find clarifications for the queries which we have received.**

1. Following items AutoCAD drawings required:

- Topo map of island
- Cross section
- Detail drawing

- We have provided all the available drawings with the bid document. It is the responsibility of the contractor to prepare any additional drawings required.

2. Is storm water management system design required? If yes, what is the design requirements?

**- Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

### 3. Is pavement design required?

**-Please refer to BoQ Item Number 1.3.2.**

4. Item no. 2.1.1 collecting tank and lifting station all drawing details and pump requirements.

**- Refer to Section IV Employer's Requirement, Scope of Works.**

#### 5. UPVC & HDPE pipe quantity details.

**- Refer to Section IV Employer's Requirement, Scope of Works.**

6. Settlement tank cross section details for concrete casting work (width of concrete wall and reinforcement details)

**- Thickness of the tank to be of minimum 60mm and reinforced using 10mm bars**

7. Cable junction cross section details for concrete casting work.

**- Thickness of the junction to be of minimum 60mm and reinforced using 10mm bars**

8. Casting of settlement tank and cable junction required civil work materials will be supplied by client? Or will precast mould be supplied by client?



**- Materials for casting of Settlement Tank and Cable Junction have to be provided by the Contractor. Moulds/Materials will not be provided to cast curbstones/settlement tanks/cable junctions/covers/blocks.**

9. Ref item, 4.1.3 cement stabilized base course layer: as stated in BOQ cement will be supplied by client. To achieve 80% of CBR value if aggregate material is required will be supplied by client?

**- Contractor have to quote separately for Cement. Refer to BoQ Bill No.7 Item Number 7.1. It is the responsibility of the Contractor to provide any additional aggregate material.**

10. As the Bid announcement is for projects in 8 islands under different Project numbers, Can the Bidder submit bids for separate islands? Eg: 4 islands or a single island project.

**- Contractors need to submit separate bids to each island. Contractors can submit bids to single islands.**

11. Please provide detailed drawings with dimension for followings:

a) Boundary wall

**Construction of Boundary wall is not included as part of the scope of works for this Project**

b) Settlement Tanks in every 6m

**For Sizes please refer to BoQ Bill No. 3. Thickness of the tank to be of minimum 60mm and reinforced using 10mm bars**

c) Cable junctions in every 25m

**For Sizes please refer to BoQ Bill No. 3. Thickness of the junction to be of minimum 60mm and reinforced using 10mm bars**

d) Lifting Stations for storm water management system

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

e) Collecting Tanks for storm water management system

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

f) All type of pumps

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

g) Curbstone laying (with shape)

**For Sizes please refer to BoQ Bill No. 3. Details of the Curbstone are in the attached drawing.**

h) Paving Blocks (shape and size) for walk way

**For the specification of Paving Blocks please refer to the Technical Specifications; Material Specifications**

i) Out fall

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

j) Speed breakers – Type/Material

**Please refer to Bill No. 4 for the type and material of the speed breakers. We have provided all the available drawings with the bid document. It is the responsibility of the contractor to prepare any additional drawings required.**

k) Road Markings

**We have provided all the available drawings with the bid document. It is the responsibility of the contractor to prepare any additional drawings required.**

1) Mechanical and electrical detail for storm water management system

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

12. How many numbers of following structures in each and every islands to be constructed? 1 Lifting Stations 2 Collecting Tanks

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

13. Please provide length of each and every island's out fall

**Design requirements are given under Section IV Employer's Requirement, Scope of Works. Please refer to BoQ Item Number 1.3.2.**

14. Drawing has mention boundary wall. Should we build boundary walls if yes, Please provide length of Boundary wall in each and every islands

**Construction of Boundary wall is not included as part of the scope of works for this Project**

15. How to claim material cost of road marking paint and reflective beds as those are not included in BOQ?

**Client will provided the thermoplastic material and glass beads required for road marking works.**

16. The flowing BOQ items are missing in BOQ,

a) BOQ items – 3.22 and 3.23 of Side walk paving – W-015

**Side walk paving is not included as part of the scope of works for Project W-015**

b) BOQ items for Service lines and drainage – W-09, W-010, W-011, W-014, W015

**Service lines and Settlement Tanks are not included as part of the scope of works for Project W-09, W-010, W-011, W-014, W-015**

c) BOQ items for Side walk paving – W-010, W-014

**Side walk paving is not included as part of the scope of works for Project W-010, W-014**

d) BOQ Items for Street Light – W-010, W-014

**Street Light is not included as part of scope for W-014. For W-010 please refer to BOQ Bill No. 4.**

17. Should we used import aggregate & sand for concrete?

**For the specification of Aggregate and Sand for Concrete works please refer to the Technical Specifications; Concrete Works**

18. What is the Type of PVC should use for ducting?

**For the specification of PVC for ducting please refer to the Technical Specifications; Material Specifications**

19. Please provide the detail drawing (including dimension) and specification for supply and installation of LED Street Lights

For specifications of the lights, please refer to technical specifications; Material Specifications. We have provided all the available drawings with the bid document. It is the responsibility of the contractor to prepare any additional drawings required.

20. Please clarify the following:

a) Employer's Name

**Refer to ITT 22.1**

b) Employer's Address

**Refer to ITT 25.1**

c) Invitation for Bid Number

**Refer to ITT 1.1**

Name: Aishath Nadheema

Signature:

